

WHAT IS CLAIMED IS:

1 1. A communication device comprising:  
2 cut-off frequency switching means for switching a cut-off  
3 frequency for communication data at a communication line.

1 2. The communication device according to claim 1, wherein said  
2 cut-off frequency switching means is structured to carry out switching  
3 of a D.C. cut-off capacitor.

1 3. The communication device according to claim 1 or claim 2,  
2 further comprising:  
3 confirming means for confirming whether or not a communication  
4 partner has said cut-off frequency switching means, in advance of  
5 sending and receiving of communication data.

1 4. The communication device according to claim 3, wherein said  
2 confirming means is structured such that switching control of said  
3 cut-off frequency switching means is carried out in accordance with  
4 results of confirmation.

1 5. The communication device according to any of claims 1  
2 through 4, wherein the communication line is a telephone line, and  
3 said communication device is a modem.

1 6. The communication device according to claim 5, wherein xDSL  
2 (x Digital Subscriber Line) type communication, which carries out data  
3 communication via the telephone line, is carried out.

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A1

Sub  
A2